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- (71) Applicant: FUJITSU LIMITED
Kawasaki-shi, Kanagawa 211-8588 (JP)
- (72) Inventors:
• Takada, Akihito,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Morishige, Masato,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Ohtsuka, Kenji,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Furukawa, Noriaki,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Kikuchi, Yoshio,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Kamada, Tetsuroshi,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Kato, Shingo,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Tanaka, Yoshinori,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Sasaki, Takahiro,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Hoshino, Akiyuki,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
- (51) Int. Cl. 5: G02F 1/139, G02F 1/1337
- Sasaki, Takahiro,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Hayashi, Shougo,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Tada, Hirotaka,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Takazawa, Hideaki,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Chida, Hiroo,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Konjou, Takeshi,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Ohashi, Makoto,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Tachibana, Masato,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Ohtsuka, Kenji,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Imoto, Koji,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Yamaguchi, Hisashi,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Hasegawa, Tadashi,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Oishi, Minoru,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Yoshida, Hirotami,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Inoue, Kiyoyasu,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Ikeda, Masahiro,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)

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- Teraguchi, Yoji,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Tachino, Kunihiko,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Fujikawa, Tetsuya,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Tachino, Tetsuroshi,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Murata, Satoru,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Hayama, Takaochi,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Sawasaka, Masahiro,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
- Tanuma, Seiji,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Hirata, Shiro,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Nishizaki, Toshiaki,
c/o Fujitsu Limited
Kawasaki-shi, Kanagawa 211-8588 (JP)
• Tanaka, Tomonori,
c/o Yonago Fujitsu Limited
Yonago-shi, Tottori 680-3524 (JP)
• Takeda, Kouji,
c/o Yonago Fujitsu Limited
Yonago-shi, Tottori 680-3524 (JP)
• Fushino, Christine Lesley et al
Hasselline Lake & Co.,
Imperial House,
15-19 Kingsway
London WC2B 6UD (GB)

- (54) Vertically-aligned (VA) liquid crystal display device
- (57) A vertically aligned mode liquid crystal display device having an improved viewing angle characteristic is disclosed. The disclosed liquid crystal display device uses a liquid crystal having a negative anisotropic dielectric constant, and orientations of the liquid crystal are vertical to substrates (12, 13) when no voltage being applied, almost horizontal when a predetermined voltage is applied, and oblique when an intermediate voltage is applied. At least one of the substrates includes a structure (20) to restrain the liquid crystal molecules, and inclined surfaces of the structure operate as a trigger to regulate azimuths of the oblique orientations of the liquid crystal when the intermediate voltage is applied.

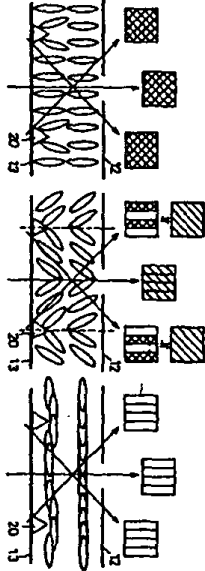


Fig. 9A

Fig. 9B

Fig. 9C

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